

CLAIMS

What is claimed is:

1. In an apparatus for fabricating an integral three-dimensional object by selectively exposing successive layers of a liquid photoformable composition to actinic radiation, said apparatus including an imaging means for exposing said layers,
5 a vessel for containing a fixed amount of said composition so as to present a free surface at a substantially constant position relative to said imaging means, and a movable platform disposed within said vessel below said free surface, the improvement in said apparatus comprising:
10 a means to transfer a part of said composition above said free surface; and
a layering means for contacting the composition transferred above said free surface and moving over said platform to form a layer of said composition.

30263325_1.DOC